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(54) Title: IMMUNIZING COMPOSITION AND METHOD FOR INDUCING AN IMMUNE RESPONSE AGAINST THE SS-SECRETASE CLEAVAGE SITE OF AMYLOID PRECURSOR PROTEIN

(57) Abstract: The present invention is directed to an immunizing composition containing an antigenic product such as a multiple antigen peptide system (MAPS) or a filamentous bacteriophage displaying an ABPP epitope spanning the B-secretase cleavage site of ABPP and a method for inducing an immune response against the B-secretase cleavage site of ABPP using this immunizing composition. The present invention is also directed to antibodies against the B-secretase cleavage site of ABPP and their use in a method for inhibiting the formation of amyloid B.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/06388

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61K 38/00, 38/04, 39/395, 39/40, 39/42; C07K 16/00

US CL : 530/300, 330, 387.1, 388.1, 388.85; 424/130.1, 133.1, 134.1, 135.1, 139.1, 141.1

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 530/300, 330, 387.1, 388.1, 388.85; 424/130.1, 133.1, 134.1, 135.1, 139.1, 141.1

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
MEDLINE, BIOSIS, EMBASE, CAPLUS, USPATFUL**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 99/27944 A1 (ATHENA NEUROSCIENCES, INC.) 10 June 1999 (10.06.99), whole document and specifically text on page 13, lines 28-36 to page 19, line 19.	1-22
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X		16-17 and 22
A	MORGAN et al. Abeta peptide vaccination prevents memory loss in an animal model of Alzheimer's disease. Nature. 28 December 2000, Vol. 408, pages 982-985.	1-22
A	DEMATTO et al. Peripheral anti-Abeta antibody alters CNS and plasma Abeta clearance and decreases brain Abeta burden in a mouse model of Alzheimer's disease. PNAS. 17 July 2001, Vol. 98, No. 15, pages 8850-8855.	1-22



Further documents are listed in the continuation of Box C.



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